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WOOL Situation

ECONOMIC RESEARCH SERVICE U.S.DEPARTMENT OF AGRICULTURE

Wool Situation at a Glance

Item	Unit	1968		1969			1970
		Nov.	Dec.	Jan.	Nov.	Dec.	Jan.
Average price received by farmers, grease basis	Ct. per lb.	39.2	38.0	39.8	39.1	38.9	38.8
Wool Act Incentive price	Ct. per lb.	67.0	67.0	69.0	69.0	69.0	72.0
Parity price (effective following month)	Ct. per lb.	90.1	90.4	91.1	94.6	94.9	95.4
Domestic prices, Boston, clean basis							
Graded territory							
Fine, good French combing and staple	Ct. per lb.	124.5	124.5	124.5	121.0	119.8	118.5
1/2 blood, good French combing and staple	Ct. per lb.	112.0	112.0	112.0	109.0	108.2	107.5
Graded fleece							
3/8 blood, good French combing and staple	Ct. per lb.	88.0	88.0	88.0	89.0	89.0	88.4
1/4 blood, good French combing and staple	Ct. per lb.	86.0	86.0	86.0	87.0	87.0	86.1
Original bag Texas, fine 12 months							
Good French combing and staple	Ct. per lb.	126.0	126.0	126.0	122.5	120.8	119.0
Imported prices, Boston, clean, excluding duty							
Australian, 64's, 70's, good topmaking	Ct. per lb.	119.5	119.5	119.5	108.9	107.5	4/103.4
Australian, 64's combing	Ct. per lb.	114.5	114.5	114.5	99.4	97.5	99.0
Montevideo, 0's (58's, 60's)	Ct. per lb.	83.5	83.5	83.5	76.5	75.8	73.0
Montevideo, 2's (50's)	Ct. per lb.	64.5	64.5	64.5	62.5	61.5	59.1
Buenos Aires, 5's (40's)	Ct. per lb.	51.0	51.0	51.0	---	---	---
BLS wholesale price index							
All commodities	1957-59=100	109.6	109.8	110.7	114.7	115.1	---
Textile products and apparel	1957-59=100	107.2	107.1	107.4	109.2	109.2	---
Wool products	1957-59=100	104.6	104.6	104.7	104.6	104.3	---
Wool broadwoven fibrics	1957-59=100	108.5	108.6	109.1	110.0	109.8	---
Personal income payments, annual rate 1/	Bil. dol.	711.5	716.0	718.7	767.4	769.7	---
Retail apparel sales, monthly rate 1/	Mil. dol.	1,652	1,571	1,640	---	---	---
Mill consumption, scoured basis 2/							
Average weekly rate (unadjusted)							
Apparel wool	1,000 lb.	4,248	4,075	4,578	3,681	3,363	---
Carpet wool	1,000 lb.	1,778	1,686	1,912	1,676	1,519	---
Average weekly rate (seasonally adjusted)							
Apparel wool	1,000 lb.	4,714	4,683	4,398	4,081	3,866	---
Carpet wool	1,000 lb.	1,658	1,746	1,833	1,563	1,570	---
Monthly aggregates 3/							
Apparel wool	Mil. lb.	17.0	16.3	22.9	14.7	16.8	---
Carpet wool	Mil. lb.	7.1	6.7	9.6	6.7	7.6	---
Accumulated since January 1							
Apparel wool	Mil. lb.	222.0	238.3	22.9	203.0	219.8	---
Carpet wool	Mil. lb.	84.7	91.4	9.6	86.5	94.1	---
Imports for consumption, clean content							
Monthly aggregates							
Dutiable wools	1,000 lb.	7,395	10,434	7,835	8,162	9,194	---
Duty-free wools	1,000 lb.	9,020	7,645	3,066	9,343	7,193	---
Accumulated since January 1							
Dutiable wools	Mil. lb.	119.4	129.8	7.8	84.3	93.5	---
Duty-free wools	Mil. lb.	112.0	119.6	3.1	88.5	95.7	---
Man-made staple and tow prices							
Acrilan, 3 denier	Ct. per lb.	110.0	110.0	110.0	110.0	110.0	110.0
Dacron, 3 denier, type 54	Ct. per lb.	61.0	61.0	61.0	61.0	61.0	61.0
Orlon, 3 denier	Ct. per lb.	89.0	89.0	89.0	89.0	89.0	89.0

1/ Seasonally adjusted.
2/ On woolen and worsted systems; excludes wool consumed on the cotton and other spinning systems and in the manufacture of processed felt, hat bodies and other miscellaneous products.
3/ 4 or 5 weeks generally totaling 13 weeks per quarter.
4/ Beginning January 1970, 64's warp and 1/2 warp.

THE WOOL SITUATION

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SUMMARY

U.S. shorn wool prices in 1970 likely will average a little under 1969, reflecting weakness in world prices of wool. At the same time, U.S. wool production will decrease because of fewer sheep. Mill use of raw apparel wool in the first half is expected to average below a year earlier, but a stronger second half may lift the year's total close to 1969.

Prices of domestic wools and imported apparel wools have drifted lower since the first half of 1969 as mill use slackened in major manufacturing countries and world supplies stayed large. However, growers' prices for shorn wool in all of 1969 averaged a little above 1968's average of 40.5 cents a pound, grease basis, according to preliminary indications.

U.S. stock sheep and lambs this January 1 were 4 percent fewer than last January. Thus, shorn wool production is expected to be slightly smaller than the 167 million pounds, grease basis, estimated for 1969.

Weekly mill consumption rates of raw apparel wool, which dropped in the last half of 1969, may stage some recovery by middle or late 1970. The impact of rising consumer income and reduced prices for raw wool will likely offset increased competition from man-made fibers. Use in all of 1970 may total about the same as the 220 million pounds, scoured basis, in 1969, and less than the 238 million pounds in 1968. The reduced rate of use in recent months would indicate 1970 consumption below that of 1969. However, pickup in consumption is indicated if the relatively high ratio of mill stocks to unfilled orders for wool fabric declines, as expected.

Finished wool fabric production in January-September 1969 totaled about 1 percent below a year earlier. At the same time, a much sharper drop occurred in mill intake of wool, indicating an apparent decline in mill stocks of intermediate wool products--tops, yarns, and gray fabric. This drawdown of stocks will help to increase mill use of raw apparel wool in coming months.

Net imports of apparel class semiprocessed and manufactured wool textiles in 1969

totaled 113 million pounds, raw wool content, 12 percent less than in 1968. In addition, mill use of raw apparel wool was down 8 percent. Domestic use of apparel wool per capita declined sharply.

Imports of dutiable raw wool in 1969 totaled 94 million pounds, clean content, 28 percent less than a year earlier. Reduced imports reflected smaller mill use, as well as an apparent decline in commercial stocks during the year. Slightly larger imports are in prospect for this year, if consumption begins to recover as expected. The downtrend in U.S. wool production also encourages larger imports.

Mill use of carpet wool in 1969, at 94 million pounds, scoured basis, was up 3 percent from 1968. Wool's share of the carpet market declined as man-made fiber use expanded faster than the use of wool. But with demand for carpets strong and a recent small decline in prices of raw carpet wool, use in 1970 likely will continue fairly stable. Imports of raw carpet wool in 1969 (all duty-free wool) totaled 96 million pounds, clean content, 20 percent less than in 1968.

While wool consumption in the United States declined, use in other countries in 1969 was averaging larger. World use in 1969 probably was some 3 percent above the 1968 record high. However, mill use in major manufacturing countries declined slightly during April-September from a moderately high level reached in January-March. And prices declined as supplies remained relatively large. By October-December, prices of Dominion combing wools averaged 7 percent below those in January-June 1969. World prices in January-June 1970 probably will lag year-earlier levels. Consumption rates may continue fairly strong, but world stocks still are relatively large. World wool production in the 1969/70 season will about equal the year-earlier record.

THE U.S. WOOL SITUATION

DOMESTIC WOOL PRICES SLIGHTLY LOWER

Prices of U.S. shorn wool through late summer of last year were relatively stable, reflecting reduced domestic production and firm prices of imported wool. Mill use of apparel wool in the United States drifted lower as the season progressed. But average U.S. wool prices late in 1969 weakened slightly as world prices began declining. Boston prices of domestic wool by January 1970 were about the same as a year earlier for some types, but down as much as 10 percent for others. (See Statistical Summary, Part I - Domestic Wool Prices, and figure 1.)

Mill use of raw apparel wool, owing to relatively large stocks of fabric and competition from man-made fibers, is expected to continue relatively low in the first half. This indicates little movement in prices, at least through midyear. Reduced U.S. wool production and smaller beginning commercial stocks of raw wool this year, however, should contribute to a fairly brisk movement of this season's wool out of first hands. But with domestic wool prices in January already averaging slightly lower and indications of world prices remaining weak, domestic wool prices in 1970 likely will average a little under 1969.

Prices received by U.S. producers for shorn wool in 1969 appear to have averaged a little above the 1968 season average of 40.5 cents a pound, grease basis. This is according to preliminary monthly estimates (table 1). The final U.S. average price for 1969, based on growers' applications for Wool Act payments, will become available March 30, 1970. Payment rates under the wool program will be announced shortly thereafter.

FEWER SHEEP AND LESS WOOL

U.S. production of shorn wool in 1970 probably will total less than the 167 million pounds, grease basis, estimated for 1969, because of a further decline in sheep numbers. The January 1, 1970, farm and ranch inventory of stock sheep and lambs, at 17.6 million head, was 4 percent less than a year earlier. (See table 2.) Accordingly, fewer sheep will be shorn this year. The wool clip per sheep may change some, modifying the impact of declining sheep numbers on wool production. The trend in wool shorn per sheep, however, is relatively flat, with small declines over the years occurring about as often as small increases. Output per head of sheep in 1969, at 8.5 pounds, was a little below average, and more wool per head is possible this year.

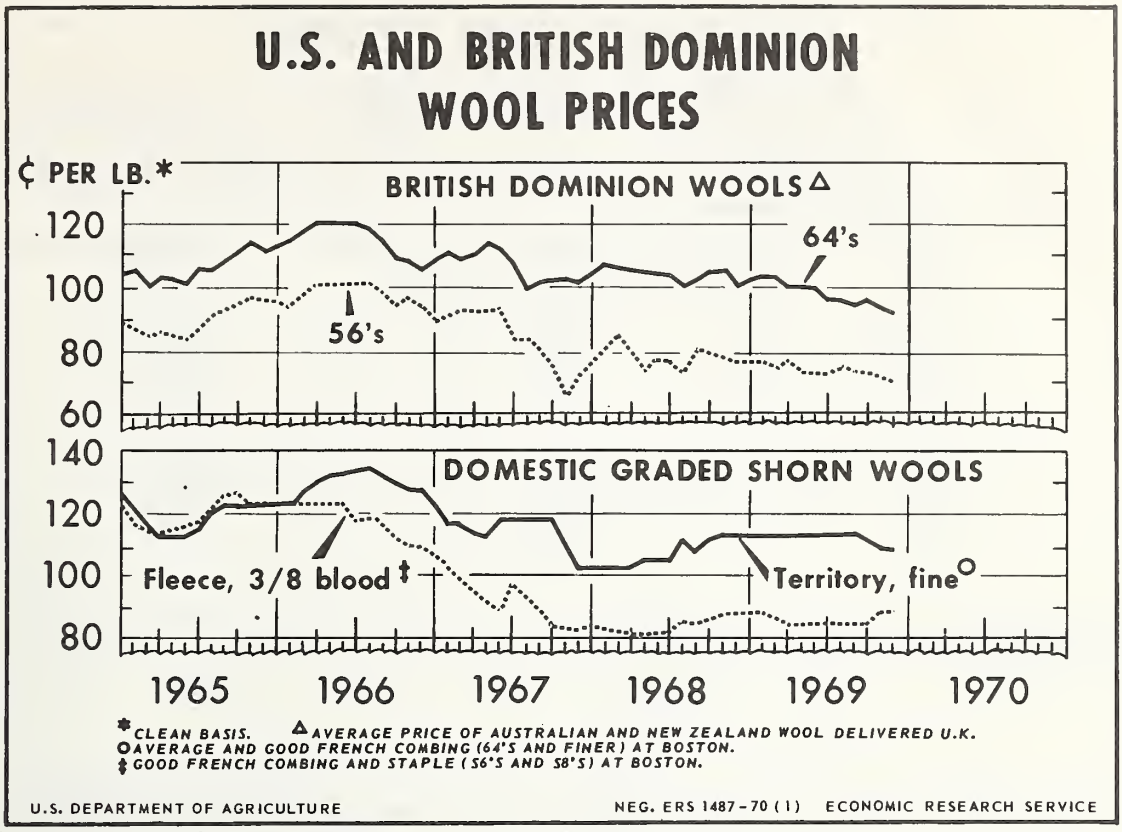

Figure 1

Table 1.--Average U. S. farm prices for shorn wool, grease basis

Month	1966	1967	1968	1969 1/	1970 1/
	Cents				
Jan.	47.7	40.6	36.5	39.8	38.8
Feb.	50.2	40.4	34.8	39.7	
Mar.	53.1	40.6	38.0	39.4	
Apr.	54.0	39.4	41.6	41.2	
May	53.3	40.1	41.7	42.4	
June	54.0	42.1	41.9	42.0	
July	51.3	41.4	40.7	41.4	
Aug.	49.0	40.5	39.4	40.8	
Sept.	47.4	38.2	39.9	40.6	
Oct.	42.4	38.9	37.8	39.6	
Nov.	43.0	38.2	39.2	39.1	
Dec.	43.1	35.6	38.0	38.9	
Weighted season average	52.1	39.8	40.5		

1/ Preliminary.
Crop Reporting Board, SRS.

But if an increase occurs in 1970, it probably will be too small to fully offset the effect of fewer sheep.

Stock sheep numbers in the United States have declined every year during the last decade, or about 39 percent from 1960. This strong trend indicates an unfavorable economic position for the sheep industry, compared with competing farm enterprises. But with a large part of the industry now liquidated, some moderation in the trend might be expected. Shorn wool incentive prices under the Wool Act rose from 62 cents a pound in the 1955-65 period to 69 cents by 1969, then to 72 cents for 1970, and lamb prices averaged higher during the last 2 years. These factors contributed to some gain in the dollar inventory of sheep.

The farm value of stock sheep and lambs on U.S. farms and ranches this January was $434 million. This was 8 percent more than a year earlier, despite fewer sheep. The value per head rose 12 percent from $22.00 on January 1, 1969, to $24.70 this year.

Table 2.--The U.S. stock sheep inventory, number and change from previous year, January 1

Year	Lambs		One year and older		Total stock sheep	
	Number	Change	Number	Change	Number	Change
	Thousand	Percent	Thousand	Percent	Thousand	Percent
1961 1/	4,966	-6	23,354	-1	28,320	-2
1962	4,375	-12	22,344	-4	26,719	-6
1963	4,081	-7	21,041	-6	25,122	-6
1964	3,803	-7	19,652	-7	23,455	-7
1965	3,451	-9	18,392	-6	21,843	-7
1966	3,770	+9	17,686	-4	21,456	-2
1967	3,644	-3	17,017	-4	20,661	-4
1968	3,117	-14	15,988	-6	19,105	-8
1969	2,964	-5	15,368	-4	18,332	-4
1970 2/	2,914	-2	14,664	-5	17,578	-4

1/ Estimates for Alaska included in totals 1961 to date.
2/ Preliminary.

Compiled from reports of Crop Reporting Board, SRS.

The 11 Western States, Texas and South Dakota reported having 13.0 million head of stock sheep this year, and the Native States, 4.6 million. Declines from last year were 4 percent in both areas. Sheep numbers rose 1 percent in Wyoming and 2 percent in Nevada, but declined in other Western States. Most Native States reported fewer sheep on hand.

MILL USE OF RAW APPAREL WOOL OFF IN 1969

U.S. mill consumption of raw apparel wool dropped 8 percent from 238 million pounds, scoured basis, in 1968 to 220 million pounds in 1969. (See table 3 and figure 2.) Consumer incomes averaged larger in 1969. But man-made fibers cut further into the natural fiber market, for wool as well as cotton. Deliveries of wool goods to the military declined and raw wool prices were nominally higher. Also, mill stocks of wool fabric relative to unfilled orders increased. And mills reacted to this stock situation by reducing the intake of raw wool.

Table 3.--U.S. mill consumption of raw wool, scoured basis

Year	Apparel wool	Carpet wool	Total
	1,000 pounds		
1960	246,393	164,648	411,041
1961	263,072	149,057	412,129
1962	280,247	148,853	429,100
1963	251,344	160,399	411,743
1964	233,932	122,737	356,669
1965	274,696	112,330	387,026
1966	266,587	103,587	370,174
1967	228,659	83,851	312,510
1968	238,290	91,407	329,697
1969 1/	219,786	94,096	313,882

1/ Preliminary.

Compiled from reports of the Bureau of the Census.

Wool use on the worsted system during 1969 fell 10 percent, compared with a year earlier. Man-made fiber use rose 7 percent. Accordingly, man-made fiber's share of total fiber use on the worsted system rose to 47 percent. Wool's share declined to 51 percent. Consumption of other fibers on the worsted system in 1969 was 47 percent below a year earlier, and their share of total fiber use was about 2 percent. (See tables 9 and 10.)

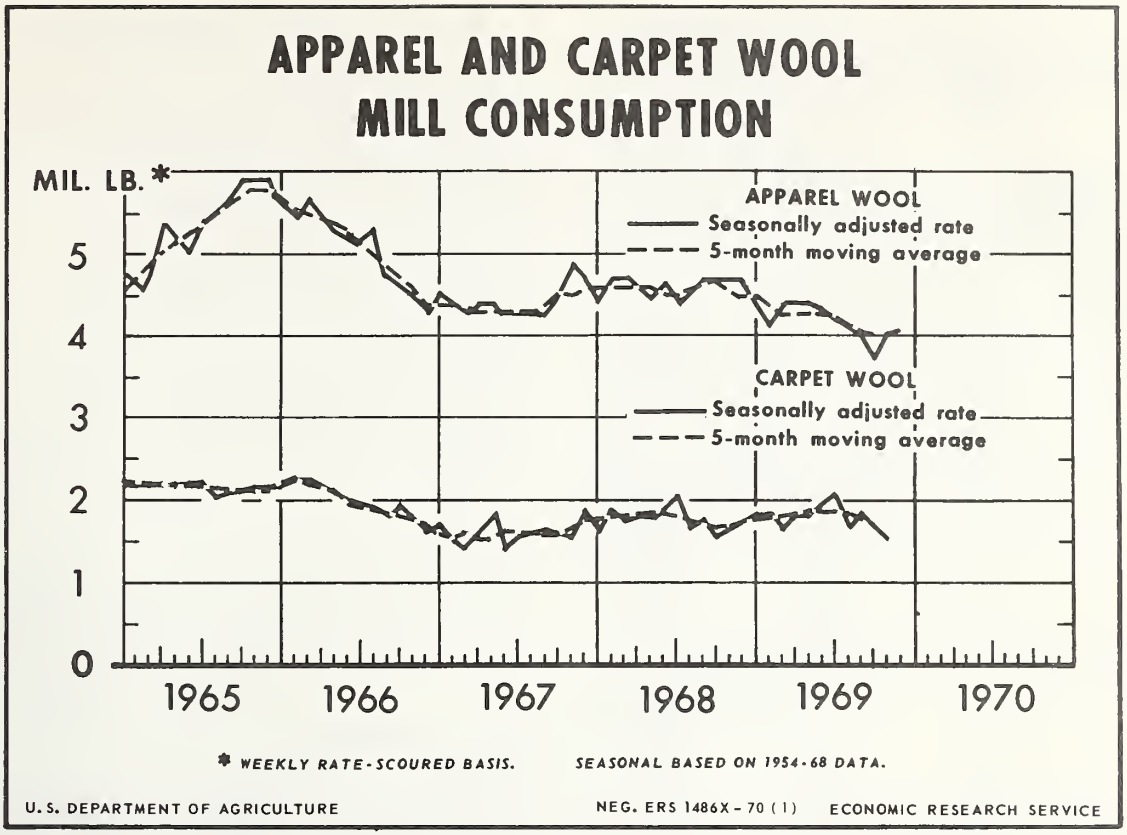

Figure 2

Raw wool consumption on the woolen system for apparel yarns declined 4 percent. Consumption of noils, reused and reprocessed wool, and other hair fiber dropped 5 percent. Use of man-made fibers rose 4 percent.

Raw wool consumed in 1969 averaged finer than a year earlier, on both the worsted and woolen systems. In total, wool grading 60's and finer accounted for 51 percent of total wool use, compared with 50 percent a year earlier. (See table 4.)

Per capita mill use of raw apparel wool in 1969 was 1.08 pounds, down 8 percent from last year's 1.18 pounds and sharply below the 1958-67 average of 1.35 pounds. Also, net imports of apparel class wool textiles dropped 12 percent from a year earlier. Thus, total domestic consumption fell. On a per capita basis domestic use was 1.64 pounds, or 10 percent less than in 1968. The 10-year average, 1958-67, for domestic per capita use was 1.91 pounds.

Mill use of raw apparel wool in the first half of last year was running at an annual rate of 224 million pounds. But the ratio of stocks of wool fabric to unfilled orders for fabric began increasing, and mill use dropped to 206 million pounds, annual rate, in August-December. The ratio, continuing high at the end of November, usually affects mill use a few months ahead. Accordingly, wool use in the first half of 1970 likely will average a little below January-June 1969. However, some recovery may occur later in the year, resulting in a total close to 1969. Competition from man-made fibers will increase. But a further rise in consumer incomes is expected and raw wool prices likely will average lower. Also, mill intake of wool dropped sharply last year and finished wool fabric output by September was only 1 percent lower. Thus, there was an apparent decline in mill stocks of wool tops, yarns, and gray fabric.

STOCK-UNFILLED ORDERS RATIO FOR WOOL FABRIC HIGH

Unfilled orders for finished wool apparel fabrics at the weaving mill level during August-November dropped sharply from earlier 1969 levels, and by the end of November were 13 per-

Table 4.--Distribution of apparel wool consumption

Year	60's and finer	50's up to 60's	48's and coarser	Total
	Percent			
	Woolen system			
1965	40.7	51.7	7.6	100.0
1966	35.9	56.4	7.7	100.0
1967	34.8	57.9	7.3	100.0
1968	35.8	56.2	8.0	100.0
1969	37.0	55.1	7.9	100.0
	Worsted system			
1965	59.3	1/	1/	100.0
1966	60.6	39.4		100.0
1967	58.7	41.3		100.0
1968	58.0	42.0		100.0
1969	59.2	40.8		100.0
	Total			
1965	52.4	1/	1/	100.0
1966	51.7	48.3		100.0
1967	49.4	50.6		100.0
1968	50.2	49.8		100.0
1969	51.1	48.9		100.0

1/ Not available.
Compiled from reports of the Bureau of the Census.

cent below a year earlier. Mill stocks of finished fabric throughout most of 1969 were a little above corresponding 1968 levels. Accordingly the ratio of stocks to unfilled orders was relatively high most of last year, and particularly during May-November. (See table 5.) The increased ratio in 1969 reflected weakening demand conditions for wool products, and was associated with the decline in mill use of raw wool. Also, the ratio tends to reflect mill activity a few months ahead. Thus, the November ratio--a relatively high .30--indicates continued low mill use in early 1970.

Stocks of finished worsted wool fabrics at the end of November rose 8 percent from a year earlier, and stocks of woolen goods were up 11 percent. Unfilled orders for worsteds were down 19 percent, compared with a year earlier, and those for woolens, down 10 percent. Stocks of polyester-wool blend goods declined slightly, but unfilled orders also were down.

Table 5.--Finished wool apparel fabrics: Ratio of stocks to unfilled orders

Month	1965	1966	1967	1968	1969
	Percent				
Jan.	21	16	36	26	25
Feb.	21	18	34	27	24
Mar.	22	22	37	27	25
Apr.	22	25	36	27	26
May	20	23	36	26	29
June	19	22	33	23	30
July	20	23	29	21	29
Aug.	18	23	29	21	32
Sept.	18	27	28	21	29
Oct.	17	25	27	23	30
Nov.	16	28	25	25	30
Dec.	17	31	25	25	

Compiled from reports of the Bureau of the Census.

WOOL BROADWOVEN FABRIC OUTPUT SMALLER IN 1969

Production of finished broadwoven wool fabric in January-September 1969 was slightly below a year earlier, as output of apparel fabric declined 1 percent. Production of other fabric, including blankets, was 10 percent below a year earlier. Output of wool fabric for women's and children's apparel--mostly woolens--was about the same, but production of men's and boys' wear fabric was 3 percent smaller. Apparel fabric output for Government orders declined 14 percent. (See table 11.)

Deliveries of wool goods to the military forces in 1969 also declined. In January-November, wool fabric deliveries totaled 8 million square yards. The wool content of these deliveries, including wool used in fabric blends, was about 5 million pounds, 23 percent less than a year earlier. Deliveries of cotton goods in the first 11 months to the military dropped 39 percent from a year earlier, and man-made fiber goods fell 32 percent. (See tables 12 and 13.)

Production of wool yarn for knitting in 1969 declined, along with the reduced activity in broadwovens. For the year, wool knitting yarn output was down 8 percent. Production of worsteds was down 5 percent and woolens, 21 percent.

WOOL TEXTILE IMPORTS DOWN IN 1969

U.S. imports of apparel class semiprocessed and manufactured wool textiles in 1969 totaled 121 million pounds, raw wool content. This was 12 percent less than in 1968, reflecting reduced demand for wool products. Imports of wool fabric declined 11 percent, and yarns, 21 percent. Wool top imports fell 32 percent. Imports of wool apparel in 1969 were about the same as a year earlier. Wool blanket imports increased; those of other items declined. Imports of wool noils and waste products also were smaller. Small exports of apparel type products were about 7 percent below 1968. Accordingly, net imports of apparel products last year fell 12 percent. (See tables 14 and 15.)

Imports of wool carpets and rugs, at about 9 million pounds, were down 5 percent from 1968. Exports, while small, were slightly larger last year, and net imports of carpets and rugs were down 7 percent.

DUTIABLE RAW WOOL IMPORTS DOWN SHARPLY

U.S. imports of dutiable raw wool declined by 28 percent to 94 million pounds, clean content, in 1969. This decline was associated with reduced mill consumption of raw apparel wool and a decrease in the apparent level of commercial stocks by the end of the year. (See table 6.)

Table 6.--U.S. imports of dutiable and duty-free raw wool for consumption, clean content

Year	Dutiable	Duty-free	Total
	1,000 pounds		
1959	100,517	191,642	292,159
1960	74,266	153,904	228,170
1961	90,318	157,335	247,653
1962	125,780	143,460	269,240
1963	109,196	167,962	277,158
1964	98,415	113,932	212,347
1965	162,637	108,943	271,580
1966	162,537	114,625	277,162
1967	109,071	78,205	187,276
1968	129,787	119,626	249,413
1969 1/	93,523	95,664	189,187

1/ Preliminary.
Compiled from reports of the Bureau of the Census.

Dutiable wool imports this year probably will average larger, in view of a further decline in U.S. production and prospects for some recovery in the rate of wool use.

The 5 major surplus-producing countries of the Southern Hemisphere continued supplying most of the dutiable imports--96 percent in 1969. Imports from each of the countries were smaller in 1969, ranging from 14 percent less for Australia to 46 percent less for Uruguay. Australian wool accounted for 54 percent of total imports in 1969, compared with 45 percent in 1968. New Zealand wool imports were 19 percent of the total in 1969, up slightly from a year earlier. Shares of total for South African and Argentine wool declined slightly to 11 percent and 4 percent, respectively. Uruguay in 1969 supplied 8 percent of total imports compared with 10 percent a year earlier.

Wools grading finer than 56's accounted for 75 percent of total dutiable imports in 1969. This was up about 4 percentage points from 1968. (See table 7.)

Table 7.--Quality composition of dutiable and duty-free imports

Grade	1966	1967	1968	1969 1/
	Percent			
	Dutiable			
56's and finer	72.4	70.6	70.5	74.5
46's to 56's	13.0	18.2	17.6	13.3
40's to 46's	5.9	3.5	3.5	3.5
Not finer than 40's	8.7	7.7	8.4	8.7
Total	100.0	100.0	100.0	100.0
	Duty-free			
44's to 46's	13.3	11.8	12.9	8.0
40's to 44's	33.5	34.9	31.4	24.5
Not finer than 40's	35.1	38.3	42.9	55.8
Donskoi, Smyrna, etc.	18.1	15.0	12.8	11.7
Total	100.0	100.0	100.0	100.0

1/ Preliminary.
Compiled from reports of the Bureau of the Census.

MILL USE OF CARPET WOOL UP SLIGHTLY

U.S. mill consumption of raw carpet wool has been running at a relatively stable rate during the last 2 years. Prices of raw carpet wool averaged higher in 1969. But growth in production of all carpets aided wool use. Output of all carpets in January-September rose 13 percent from a year earlier, with man-made fibers accounting for most of the increase. Wool use in 1969 was up 3 percent and totaled 94 million pounds, scoured basis. (See table 3.)

Carpet wool prices declined last September-December, after having strengthened earlier in the year. This decline and further growth in demand for carpets probably will lead to fairly stable use of carpet wool in 1970. Wool's share of total fiber use in carpets probably will decline as use of other fiber increases.

IMPORTS OF DUTY-FREE RAW WOOL SMALLER

Imports of duty-free raw wool in 1969 totaled 96 million pounds, clean content. This was 20 percent less than a year earlier, and about equal to the level of consumption. Imports of New Zealand wool fell 4 percent from a year earlier, and Argentine imports dropped 40 percent. Wool from other suppliers declined 26 percent. (See table 6.)

The graded wools not finer than 40's accounted for an increasing share of total imports, 56 percent in 1969. This occurred while imports of the finer graded types declined. The named unimproved wools of the Middle East and Asia continued to account for about 12 percent, after having dropped sharply from 1966 and 1967 levels. (See table 7.)

THE WORLD WOOL SITUATION

WORLD WOOL PRICES DOWN

Wool prices in July-December 1969 declined rather sharply, after having moved within a narrow range during the previous 18 months. By October-December, prices of Australian and New Zealand combing wools averaged about 7 percent below January-June with prices for all grades down. (See table 16 and figure 1.) World supplies of wool in the 1969/70 season are about the same as a year earlier, indicating the recent price decline was caused by other factors. Little or no change is estimated in world wool production during 1969/70.

Total stocks in mid-1969 appeared largely unchanged, compared with a year earlier, as mill use of wool was closely in balance with production. But during the last 1-1/2 years increased Southern Hemisphere exports led to some apparent transfer of excessive wool stocks out of producer locations and into commercial channels. This probably has aided wool consumption in the past and perhaps will have some positive result on future wool use. Southern Hemisphere stocks at the beginning of this season continued relatively large, although 21 percent smaller than a year earlier. But to the extent that commercial stocks have increased, wool buyers at the same time have strengthened their position against any rise in prices, particularly in the short run. This probably has contributed to the price decline.

World demand conditions were relatively strong during the last 2 years. Coupled with sharply reduced raw wool prices from 1966/67 and earlier seasons, world consumption of wool set a record in 1968 and averaged even larger in 1969. However, the rate of wool mill activity in major manufacturing countries reached a cyclical high in the first quarter of 1969, then declined slightly in the second and third quarters. This moderation in rate of wool use also was associated with the recent decline in wool prices.

World wool prices through June of this year likely will continue below January-June 1969 as world wool supplies are relatively large. Difficulty in maintaining peak levels of wool use after 2 years of expansion also will be a major factor in determining prices during coming months. Some moderation in world demand is expected, and competition from man-made fibers is increasing.

WORLD PRODUCTION AND CONSUMPTION OF RAW WOOL

World production of wool in 1969/70 is estimated to total about the same as last season's record-high 3.5 billion pounds, clean basis. A small increase is occurring in production of Merino (60's and finer) wool, but output of coarser grades is declining. Production in Australia as well as in South Africa is increasing some 4 percent. But a rather sharp decline

occurred in the Soviet Union, where severe winter conditions resulted in high death losses of sheep. Output also declined in the United States and Uruguay.

World mill use of raw wool, following a decline in 1967, advanced to a record during 1968. A further rise of around 3 percent likely occurred in 1969. Wool use in major manufacturing countries was above a year earlier during each of the first 3 quarters of 1969, and total use during this period was up 4 percent. Fourth-quarter 1969 wool use, however, was probably about the same as a year earlier.

Mill use of raw wool in other countries may also have averaged larger in 1969, indicated particularly by a January-September increase of 6 percent in Soviet Union wool fabric production. Strong increases during 1968 and 1969 in general economic activity in most countries and reduced raw wool prices led to expanding wool use, despite increased competition from man-made fibers. Reduced mill use and wool textile production back in 1967 also was a factor in the more recent cyclical upswing.

The 1968 upswing in rate of mill use of raw wool in major manufacturing countries continued in early 1969, reaching a relatively high level in the first quarter. However, this was followed by slightly lower rates in the second and third quarters, with the United States and the United Kingdom accounting for the decline. (See figure 3 and table 17.) Apparently, the increased rate at which raw wool was put into process by early 1969 was running ahead of consumer demand for wool products. Accordingly, some increase in trade stocks of wool products may have been occurring, and this would have prompted the slight decline in mill use.

World wool use in 1970 may average a little under 1969, particularly in the first half. Lower prices for raw wool used in mills this year will aid consumption. But competition from man-made fibers is increasing worldwide. General economic activity in some countries including the United States is advancing at slower rates.

WORLD WOOL TEXTILE OUTPUT RISES

Gains in output of wool textiles in 1968 and 1969 were associated with strengthening demand conditions in most major manufacturing countries. Total output of wool tops, yarn, and wool fabric in the first 3 quarters ranged from 3 to 7 percent above a year earlier. However, as in mill consumption of raw wool, the trend during 1969 in output of textiles leveled. By third quarter, textile production generally was close to a year earlier; output of worsted wool yarns declined, but fabric production continued up. (See table 18.)

For the 3 quarters, output of wool textiles was well above a year earlier in Japan and most European countries. The United Kingdom produced about the same amount of wool goods as a year earlier. U.S. output declined. Third quarter production trends were mixed, compared with a year earlier, with the United Kingdom and France reporting most of the declines. Other countries continued showing gains in production.

WORLD TRADE IN WOOL TEXTILES

Along with other areas of increased world wool activity, international trade in wool textiles expanded further in 1969. Volume during the first 9 months in wool tops and yarns totaled from 4 to 10 percent above a year earlier. Fabric exports declined slightly. Third quarter comparisons, however, show trade in wool products in 1969 generally below a year earlier. (See table 19.)

The United Kingdom and West Germany reported gains in international trade. France exported more top and fabric, but less yarn. Japan's yarn exports rose, but fabric shipments declined. The United States in 1969 imported moderately less wool textiles than in 1968.

SOUTHERN HEMISPHERE WOOL EXPORTS LARGER

Exports of raw wool in the early months of the 1969-70 season from major surplus-producing nations of the Southern Hemisphere were some 8 percent ahead of a year earlier. Associated with this increase were further large disposals of New Zealand Wool Commission stocks, larger Australian production, and declining production in some Northern Hemisphere

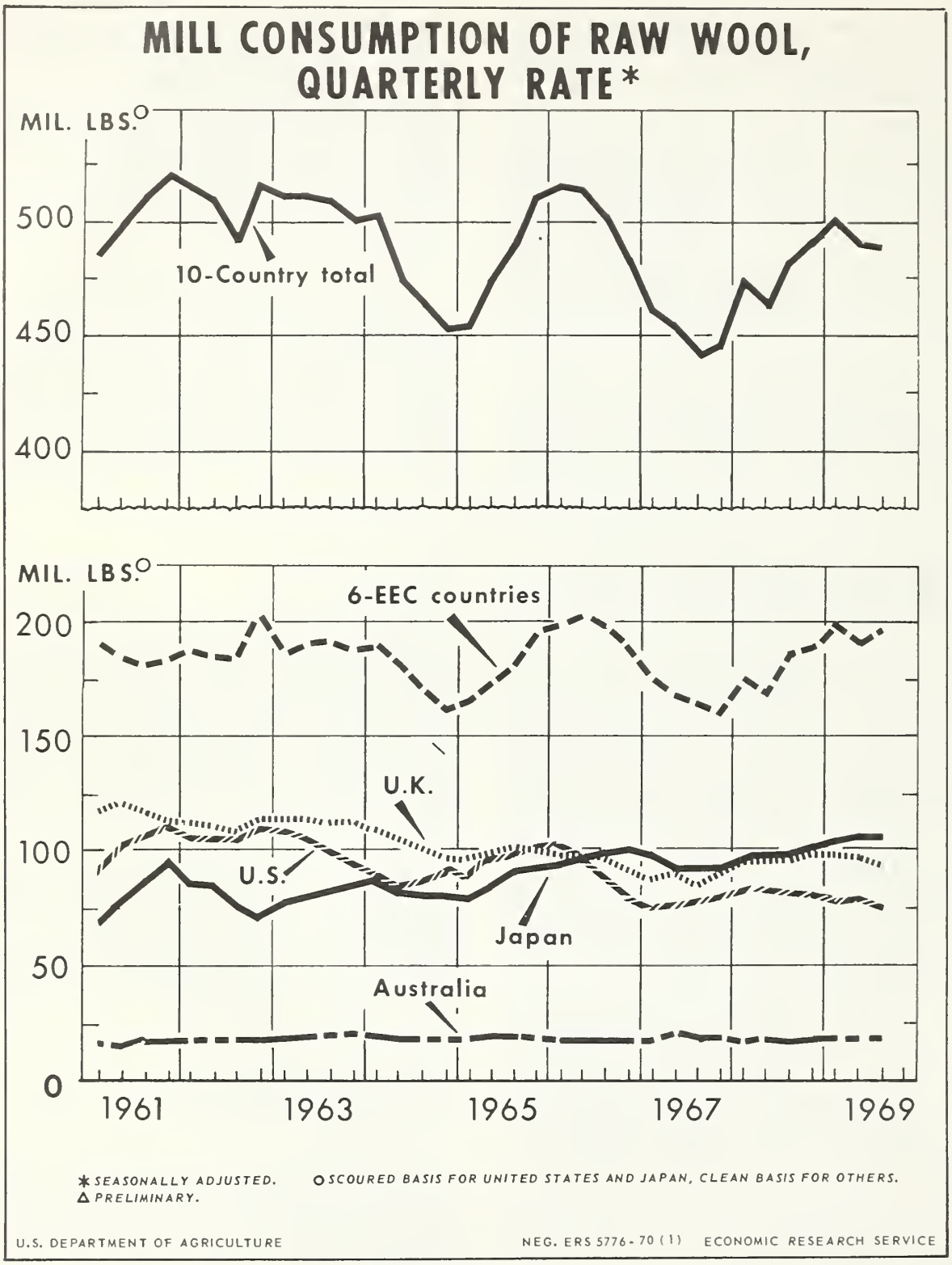
MILL CONSUMPTION OF RAW WOOL, QUARTERLY RATE*
MIL. LBS.○
500
450
400
10-Country total
MIL. LBS.○
200
150
100
50
0
6-EEC countries
U.K.
U.S.
Japan
Australia
1961
1963
1965
1967
1969
*SEASONALLY ADJUSTED. ○SCOURED BASIS FOR UNITED STATES AND JAPAN, CLEAN BASIS FOR OTHERS.
△PRELIMINARY.
U.S. DEPARTMENT OF AGRICULTURE
NEG. ERS 5776-70 (1) ECONOMIC RESEARCH SERVICE

Figure 3

Table 8.--Exports of wool from major surplus-producing countries, actual weight 1/

Exporting country	1967/68	1968/69	1969/70
	Million pounds		
Australia 2/	412	422	485
New Zealand 3/	137	193	209
Republic of South Africa 3/	77	86	85
Argentina 4/	32	47	27
Uruguay 5/	102	93	6/

1/ Season beginning July 1 in Australia, New Zealand, and Republic of South Africa, and beginning October 1, in Argentina and Uruguay. 2/ July-October. 3/ July-November. 4/ October-November. 5/ October-July. 6/ Not available.

Compiled from reports of the Commonwealth Secretariat.

countries. Mill use of wool in major manufacturing countries by July-September 1969 had slackened. But commercial interests continued to make heavy purchases of wool, while prices drifted lower.

New Zealand wool exports during July-November were 8 percent above a year earlier and well above 1967-68, reflecting further liquidation of Wool Commission stocks. Australia, with expanding production, shipped 15 percent more this season through October. Exports from South Africa were about the same as a year earlier. Argentina shipped less. (See table 8.)

STATISTICAL SUMMARY

Part I - Domestic wool prices, Boston, clean basis

Item	1968		1969					1970	Latest data available as percent of a year earlier
	Nov.	Dec.	Jan.	Feb.	Oct.	Nov.	Dec.	Jan.	
	Cents per pound								Percent
Graded territory shorn wool									
Fine good French combing and staple	124.5	124.5	124.5	123.9	121.8	121.0	119.8	118.5	95
1/2 blood good French combing and staple	112.0	112.0	112.0	110.0	109.8	109.0	108.2	107.5	96
3/8 blood good French combing and staple	102.0	102.0	102.0	99.0	95.2	92.0	92.0	92.0	90
1/4 blood good French combing and staple	92.5	92.5	92.5	90.5	90.2	89.0	89.0	89.0	96
Low 1/4 blood	82.5	82.5	82.5	82.5	82.3	81.5	81.5	82.0	99
Graded fleece shorn wool									
1/2 blood good French combing and staple	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	100
3/8 blood good French combing and staple	88.0	88.0	88.0	88.0	85.0	89.0	89.0	88.4	100
1/4 blood good French combing and staple	86.0	86.0	86.0	86.0	82.0	87.0	87.0	86.1	100
Low 1/4 blood	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	100
Original bag Texas shorn wool									
Fine 12 months good French combing and staple	126.0	126.0	126.0	125.0	123.5	122.5	120.8	119.0	94
Fine 8 months (1 in. and over)	111.0	111.0	111.0	110.5	108.4	107.5	107.5	107.5	97
Fine fall (3/4 in. and over)	105.0	105.0	105.0	104.2	101.1	97.5	97.5	97.5	93
Scoured pulled wool									
70's, 2 inch and longer	120.0	120.0	120.0	120.0	120.0	---	---	---	---
64's, 70's, 1-1/2 in. and longer	114.5	114.5	114.5	114.5	114.5	114.5	122.5	122.5	107
60's, 64's, 1-1/2 in. and longer	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	100
60's, 1-1/2 in. and longer	103.0	103.0	103.4	104.0	104.0	104.0	104.0	104.0	101
58's, 60's, 2 in. and longer	99.0	99.0	100.4	102.0	100.5	100.5	100.5	100.5	100
56's, 58's, 2 in. and longer	95.0	95.0	95.4	96.0	97.0	97.0	97.0	97.0	102
56's, 2 in. and longer	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	100
50's, 56's, 2 in. and longer	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	100
44's, 50's, 4 in. and longer	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	100
36's, 44's, 4 in. and longer	---	---	---	---	---	---	---	---	---

Compiled from Weekly Review of the Boston Wool Market.

STATISTICAL SUMMARY

Part II - U.S. Mill Consumption and Imports

Item	Unit	1968 Sept.	1968 Oct.	1968 Nov.	1968 Dec.	1969 Sept.	1969 Oct.	1969 Nov.	1969 Dec.	Latest data available as percent of a year earlier
Mill consumption, scoured basis 1/										
Average weekly rate during month 2/										
Apparel wool 3/	1,000									
60's and finer	pounds	2,188	2,210	2,095	2,072	1,670	1,980	1,802	1,607	78
Coarser than 60's	do.	2,257	2,297	2,154	2,003	1,873	1,911	1,878	1,756	88
Total apparel wool	do.	4,445	4,507	4,249	4,075	3,543	3,892	3,681	3,363	83
Carpet wool 4/	do.	1,779	1,766	1,778	1,686	1,934	1,951	1,676	1,519	90
Total apparel and carpet	do.	6,224	6,273	6,027	5,761	5,477	5,843	5,357	4,882	85
Monthly aggregates 2/										
Apparel wool 3/	Million									
60's and finer	pounds	8.8	11.1	8.4	8.3	6.7	9.9	7.2	8.0	96
Coarser than 60's	do.	9.0	11.5	8.6	8.0	7.5	9.6	7.5	8.8	110
Total apparel wool	do.	17.8	22.5	17.0	16.3	14.2	19.5	14.7	16.8	103
Carpet wool 4/	do.	7.1	8.8	7.1	6.7	7.7	9.8	6.7	7.6	113
Total apparel and carpet	do.	24.9	31.3	24.1	23.0	21.9	29.3	21.4	24.4	106
Accumulated since January 1										
Apparel wool 3/										
By grade										
60's and finer	do.	91.9	102.9	111.3	119.6	87.2	97.1	104.4	112.4	94
Coarser than 60's	do.	90.6	102.1	110.7	118.7	81.5	91.1	98.6	107.4	90
By system										
Woolen	do.	63.9	71.3	77.5	83.6	62.4	68.6	73.8	79.9	96
Worsted	do.	118.5	133.7	144.5	154.7	106.4	119.7	129.2	139.9	90
Total apparel wool	do.	182.4	205.0	222.0	238.3	168.8	188.3	203.0	219.8	92
Carpet wool 4/	do.	68.7	77.6	84.7	91.4	70.0	79.8	86.5	94.1	103
Total apparel and carpet	do.	251.1	282.6	306.7	329.7	238.8	268.1	289.5	313.9	95
Imports for consumption										
clean content										
Monthly aggregates	1,000									
Dutiable wool	pounds									
Finer than 56's	do.	6,147	5,642	5,562	8,870	3,746	2,697	6,568	7,519	85
46's to 56's	do.	970	1,600	703	1,021	874	319	802	763	75
44's to 46's	do.	117	116	83	87	18	6	22	109	125
40's to 44's	do.	185	337	232	95	203	109	189	214	225
Not finer than 40's	do.	634	700	752	311	272	164	559	564	181
Donskoi, Smyrna, etc.	do.	98	78	63	49	7	26	22	25	51
Total dutiable wool	do.	8,153	8,474	7,395	10,434	5,121	3,322	8,162	9,194	88
Duty-free wool										
44's-46's	do.	1,313	1,448	759	1,081	129	57	592	396	37
40's-44's	do.	5,293	2,934	2,257	2,025	1,466	657	1,458	1,176	58
Not finer than 40's	do.	4,117	3,263	4,510	3,336	4,750	2,819	5,949	5,186	155
Donskoi, Smyrna, etc.	do.	1,733	1,559	1,494	1,203	789	629	1,343	434	36
Total duty-free	do.	12,456	9,204	9,020	7,645	7,134	4,162	9,343	7,193	94
Total free and dutiable	do.	20,609	17,678	16,415	18,079	12,255	7,484	17,505	16,387	91
Accumulated since January 1	Million									
Dutiable wool	pounds									
Finer than 56's	do.	71.5	77.1	82.7	91.5	52.9	55.6	62.2	69.7	76
46's to 56's	do.	19.5	21.1	21.8	22.8	10.6	14.3	11.7	12.5	55
44's to 46's	do.	.9	1.0	1.1	1.2	.3	.3	.3	.5	42
40's to 44's	do.	2.6	3.0	3.2	3.3	2.3	2.4	2.6	2.8	85
Not finer than 40's	do.	7.9	8.6	9.4	9.7	5.9	6.1	6.7	7.2	74
Donskoi, Smyrna, etc.	do.	1.0	1.1	1.2	1.2	.8	.8	.8	.8	67
Total dutiable wool	do.	103.5	112.0	119.4	129.8	72.8	76.2	84.3	93.5	72
Duty-free wool										
44's-46's	do.	12.1	13.6	14.4	15.4	6.6	6.7	7.3	7.7	50
40's-44's	do.	30.3	33.2	35.5	37.5	20.1	20.8	22.2	23.4	62
Not finer than 40's	do.	40.2	43.4	48.0	51.3	39.4	42.2	48.2	53.3	104
Donskoi, Smyrna, etc.	do.	11.1	12.7	14.2	15.4	8.8	9.5	10.8	11.2	73
Total duty-free wool	do.	93.8	103.0	112.0	119.6	75.0	79.1	88.5	95.7	80
Total free and dutiable	do.	197.2	214.9	231.3	249.4	147.8	155.3	172.8	189.2	76

1/ On woolen and worsted systems; excludes wool consumed on the cotton and other spinning systems and in the manufacture of processed felt, hat bodies, and other miscellaneous products.
2/ Monthly periods are 4 or 5 calendar weeks generally totaling 13 weeks per quarter.
3/ Domestic and duty-paid foreign wool.
4/ Duty-free foreign wool.

Compiled from reports of the Bureau of the Census.

Table 9.--Average weekly rate of consumption of apparel and carpet wool on woolen and worsted systems, scoured basis, United States, by months, unadjusted and adjusted for seasonal variation

Month	1965		1966		1967		1968		1969	
	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted
	1,000 pounds									
	Apparel wool									
January	4,855	4,750	5,838	5,640	4,630	4,450	4,535	4,356	4,578	4,398
February	4,870	4,649	5,822	5,548	4,587	4,379	4,925	4,704	4,281	4,089
March	4,947	4,770	5,865	5,664	4,417	4,262	4,848	4,664	4,548	4,369
April	5,623	5,372	5,844	5,515	4,661	4,358	4,978	4,634	4,703	4,367
May	5,523	5,090	5,745	5,297	4,751	4,388	4,829	4,464	4,734	4,379
June	5,461	5,030	5,614	5,190	4,652	4,308	4,955	4,593	4,551	4,222
July	4,883	5,407	4,726	5,231	3,847	4,264	3,970	4,403	3,761	4,174
August	5,798	5,523	5,519	5,263	4,533	4,328	4,761	4,544	4,237	4,043
September	5,424	5,568	4,519	4,681	4,158	4,335	4,445	4,656	3,543	3,722
October	5,661	5,884	4,419	4,597	4,181	4,351	4,507	4,699	3,892	4,063
November	5,267	5,858	4,018	4,469	4,383	4,867	4,249	4,714	3,681	4,081
December	5,123	5,877	3,777	4,336	4,048	4,654	4,075	4,683	3,363	3,866
	Carpet wool									
January	2,316	2,233	2,243	2,152	1,779	1,708	1,797	1,724	1,912	1,833
February	2,220	2,174	2,287	2,248	1,518	1,493	1,887	1,859	1,871	1,845
March	2,207	2,189	2,260	2,240	1,362	1,351	1,812	1,793	1,716	1,696
April	2,172	2,228	2,117	2,167	1,646	1,684	1,766	1,805	1,787	1,825
May	2,187	2,190	2,120	2,124	1,779	1,784	1,798	1,802	1,823	1,827
June	2,160	2,246	1,910	1,978	1,381	1,425	1,800	1,858	1,901	1,962
July	1,635	2,247	1,448	1,976	1,144	1,558	1,482	2,014	1,516	2,057
August	2,164	2,005	2,083	1,947	1,740	1,634	1,798	1,693	1,797	1,694
September	2,190	2,080	1,894	1,820	1,695	1,641	1,779	1,729	1,934	1,883
October	2,342	2,098	2,145	1,918	1,834	1,638	1,766	1,577	1,951	1,742
November	2,321	2,167	1,936	1,803	1,699	1,583	1,778	1,658	1,676	1,563
December	2,025	2,133	1,552	1,618	1,822	1,890	1,686	1,746	1,519	1,570

Table 10.--Fibers consumed and percentage distribution of wool and other fibers used in woolen and worsted mills, United States

Fiber and year	Worsted system		Woolen system				Total fibers consumed	
			For yarns, except carpet and rug		For carpet and rug yarns			
	1,000 lb.	Pct.	1,000 lb.	Pct.	1,000 lb.	Pct.	1,000 lb.	Pct.
Shorn and pulled wool of the sheep								
1963	149,578	62.1	101,766	31.7	160,399	67.3	411,743	51.5
1964	141,743	56.4	92,189	30.5	122,737	49.7	356,669	44.6
1965	173,088	58.1	101,608	31.1	112,330	43.7	387,026	43.9
1966	170,418	58.7	96,169	30.8	103,587	42.7	370,174	43.8
1967	141,366	56.3	87,293	30.1	83,851	36.8	312,510	40.6
1968	154,715	54.2	83,575	28.9	91,407	33.9	329,697	39.1
1969 2/	139,864	51.1	79,922	28.1	94,096	34.1	313,882	37.6
Man-made fibers								
1963	71,229	29.6	72,064	22.5	59,931	25.1	203,224	25.4
1964	88,853	35.3	76,735	25.4	106,944	43.3	272,532	34.1
1965	105,698	35.5	84,738	26.0	127,814	49.7	318,250	36.1
1966	107,150	36.9	87,243	27.9	124,072	51.1	318,465	37.7
1967	98,275	39.1	95,755	33.1	136,200	59.7	330,230	43.0
1968	119,189	41.8	104,779	36.3	171,522	63.6	395,490	46.9
1969 2/	127,778	46.7	109,210	38.4	175,532	63.6	412,520	49.5
Other fibers 1/								
1963	19,977	8.3	147,173	45.8	18,098	7.6	185,248	23.1
1964	20,764	8.3	133,198	44.1	17,120	7.0	171,082	21.3
1965	19,027	6.4	139,957	42.9	16,862	6.6	175,846	20.0
1966	12,672	4.4	129,111	41.3	15,195	6.2	156,978	18.5
1967	11,614	4.6	106,534	36.8	7,943	3.5	126,091	16.4
1968	11,441	4.0	100,436	34.8	6,700	2.5	118,577	14.0
1969 2/	6,105	2.2	95,135	33.5	6,146	2.3	107,386	12.9
Total fibers consumed								
1963	240,784	100.0	321,003	100.0	238,428	100.0	800,215	100.0
1964	251,360	100.0	302,122	100.0	246,801	100.0	800,283	100.0
1965	297,813	100.0	326,303	100.0	257,006	100.0	881,122	100.0
1966	290,240	100.0	312,523	100.0	242,854	100.0	845,617	100.0
1967	251,255	100.0	289,582	100.0	227,994	100.0	768,831	100.0
1968	285,345	100.0	288,790	100.0	269,629	100.0	843,764	100.0
1969 2/	273,747	100.0	284,267	100.0	275,774	100.0	833,788	100.0

1/ Includes noils reprocessed and reused wool, mohair, alpaca, vicuna, and other specialty hair fibers as well as cotton, jute, and other vegetable fibers.

2/ Preliminary.

Compiled from reports of the Bureau of the Census.

Table 11.--U.S. production of woolen and worsted woven goods 1/

Fabric	1968	1968			1969			Change - -
		Apr.-June	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Jan.-Sept. 1969 to Jan.-Sept. 1968
	---- 1,000 linear yards ----							---Percent---
Woolen and worsted woven fabrics (except felt)	243,312	68,845	56,682	55,746	68,293	66,112	50,528	-1.4
Apparel fabrics	236,029	67,045	55,211	53,763	66,503	64,640	49,025	-1.1
Government orders	5,737	905	1,103	1,180	633	689	2,618	-13.5
Other than Gov't orders	230,292	66,140	54,108	52,583	65,870	63,951	46,407	-.8
Men's and boys' clothing	90,409	26,013	19,402	21,056	28,289	23,322	15,908	-2.7
Less than 9 oz.	15,808	2,321	5,053	6,132	2,925	2,365	4,033	-3.6
Worsted	15,269	2,218	4,821	6,028	2,817	2,269	3,924	-2.5
Woolen	539	103	232	104	108	96	109	-28.0
9 oz. up to 13 oz.	58,754	19,103	10,700	10,693	20,444	16,182	7,882	-7.4
Worsted	38,596	13,459	6,077	6,534	15,736	11,545	4,555	-.7
Woolen	20,158	5,644	4,623	4,159	4,708	4,637	3,327	-20.8
13 oz. up to 16 oz.	7,676	2,415	1,551	2,148	2,198	1,641	1,273	-7.5
Worsted	3,010	877	635	759	852	956	872	+19.0
Woolen	4,666	1,538	916	1,389	1,346	685	401	-25.8
16 oz. up to 20 oz.	6,158	1,620	1,637	1,649	2,272	2,710	2,322	+62.0
Worsted	1,155	323	298	253	303	367	99	-14.7
Woolen	5,003	1,297	1,339	1,396	1,969	2,343	2,223	+81.2
20 oz. up to 26 oz.	1,801	509	446	311	420	395	355	-21.5
26 oz. and over	2/	2/	2/	2/	2/	2/	2/	---
omen's and children's clothing	139,883	40,127	34,706	31,527	37,581	40,629	30,499	+.3
Less than 9 oz.	10,439	1,956	1,881	3,065	4,403	5,562	3,940	+88.6
Worsted	1,059	243	203	231	175	163	135	-42.9
Woolen	9,380	1,713	1,678	2,834	4,228	5,399	3,805	+105.2
9 oz. up to 13 oz.	68,458	19,955	17,415	14,733	17,242	16,689	11,627	-15.2
Worsted	3,038	759	1,017	632	493	1,518	265	-5.4
Woolen	65,420	19,196	16,398	14,101	16,749	15,171	11,362	-15.7
13 oz. up to 16 oz.	15,797	4,415	4,032	3,792	3,350	4,109	2,890	-13.8
Worsted	617	207	166	74	222	176	122	-4.2
Woolen	15,180	4,208	3,866	3,718	3,128	3,933	2,768	-14.2
16 oz. up to 20 oz.	20,369	6,338	4,868	4,845	5,653	5,557	4,342	+.2
Worsted	1,559	267	363	678	555	630	454	+86.0
Woolen	18,810	6,071	4,505	4,167	5,098	4,927	3,888	-5.0
20 oz. and over	24,820	7,463	6,510	5,092	6,933	8,712	7,700	+18.3
Nonapparel fabrics	7,283	1,800	1,471	1,983	1,790	1,472	1,503	-10.1
Blanketing	3,317	800	787	926	861	785	885	+5.8
Other	3,966	1,000	684	1,057	929	687	618	-23.2
	1,000 pounds							
Woven felts	7,974	1,999	1,896	2,053	2,103	2,164	1,987	+5.6
Papermakers	6,183	1,506	1,430	1,698	1,752	1,718	1,595	+12.9
All others	1,791	493	466	355	351	446	392	-17.2

1/ Fabrics wholly or chiefly by weight of wool, reused wool, reprocessed wool or other animal fibers. Blanketing in 72 inch width or equivalent, other fabrics in 54 to 60 inch width or equivalent 54 inch width.

2/ Less than 100 thousand.

Compiled from reports of the Bureau of the Census.

Table 12.--Fabric deliveries to U.S. military forces, in equivalent square yards of fabric

Fiber and fabric	1968	1969												1970								
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
	1,000 square yards																					
Wool																						
Blanketing	879	70	41	130	145	39	45	0	0	0	124	311										
Flannel	847	54	0	30	14	0	0	0	0	0	6	14										
Frieze	242	0	0	0	0	0	0	0	0	0	0	0										
Gabardine	208	0	31	29	0	0	0	0	65	267	374	265										
Kersey	0	0	0	0	0	0	0	0	0	0	0	0										
Melton	902	129	274	364	269	122	73	67	39	89	165	218										
Pile	0	0	0	0	0	0	0	0	0	0	0	0										
Serge	4,825	82	43	116	74	80	61	242	600	888	933	711										
Tropical	2,106	0	39	0	27	0	0	0	0	5	11	0										
Other	26	0	5	7	0	0	0	0	0	0	0	0										
Total	10,035	335	433	676	529	241	179	309	704	1,249	1,613	1,519										
Mixed fiber																						
Cotton and wool	0	0	0	0	0	0	0	0	0	0	0	0										
Cotton and cellulosic	9,906	1	0	0	0	0	0	0	0	0	0	6										
Cotton and non-cellulosic	34,501	985	1,199	896	1,216	682	1,300	1,008	665	537	1,299	1,764										
Cotton and glass	0	0	0	0	0	0	0	0	0	0	0	0										
Cotton and other	0	0	0	0	0	0	0	0	0	0	0	0										
Wool and cellulosic	0	0	0	0	0	0	0	0	0	0	0	0										
Wool and non-cellulosic	3,692	0	66	50	81	298	390	323	33	112	225	223										
Wool and other	0	0	0	0	0	0	0	0	0	0	0	0										
Cotton, wool and cellulosic	0	0	0	0	0	0	0	0	0	0	0	0										
Cotton, wool and non-cellulosic	0	0	0	0	0	0	0	0	0	0	0	0										
Cellulosic and non-cellulosic	96	0	0	0	0	0	0	0	0	1	0	20										
Other	0	0	0	0	0	0	0	0	0	0	0	0										
Total	48,195	986	1,265	946	1,297	980	1,690	1,331	698	650	1,524	2,013										
Cotton																						
Total	160,848	7,673	11,657	13,948	12,392	14,677	12,109	5,950	4,541	4,264	6,412	5,471										
Man-made																						
Cellulosic																						
Total	29	0	0	3	1	0	2	0	0	1	62	1										
Non-cellulosic																						
Total	13,102	1,973	1,286	1,554	1,284	555	1,185	579	441	394	696	813										
Glass	146	53	0	31	21	-11	7	26	25	9	11	15										
Total man-made	13,277	2,026	1,286	1,588	1,306	544	1,194	605	466	404	769	829										
Total all fibers	232,355	11,020	14,641	17,158	15,524	16,442	15,172	8,195	6,409	6,567	10,318	9,832										

Based on data from the Department of Defense.

Table 13.--Textile fabrics: Deliveries to U.S. military forces, raw fiber content

Year and month	Wool: 100 percent wool fabric	Wool: Wool and man-made fiber mixtures: 50 percent or more wool	Wool: Wool and man-made fiber mixtures: Less than 50 percent wool	Wool: Wool and other fiber mixtures	Wool: Total	Cotton: 100 percent cotton fabric	Cotton: Cotton and man-made fiber mixtures: 50 percent or more cotton	Cotton: Cotton and man-made fiber mixtures: Less than 50 percent cotton	Cotton: Cotton and other fiber mixtures	Cotton: Total	Man-made: Cellulosic: Filament yarn	Man-made: Cellulosic: Staple fiber	Man-made: Cellulosic: Total	Man-made: Non-cellulosic: Filament yarn	Man-made: Non-cellulosic: Staple fiber	Man-made: Non-cellulosic: Total	Man-made: Total: Filament yarn	Man-made: Total: Staple fiber	Man-made: Total: Total	Glass	Total all fibers
										1,000 pounds											
1964 1/	5,246	0	95	2/	5,341	20,363	129	1,118	0	21,610	151	20	211	544	1,380	1,934	745	1,400	2,145	14	29,110
1965 1/	3,863	0	400	346	4,509	26,522	865	124	115	27,626	253	41	294	1,469	1,484	2,953	1,722	1,525	3,247	16	35,498
1966	15,325	80	1,268	0	16,674	103,549	4,960	1,072	0	109,579	20	570	591	11,097	4,695	15,792	11,188	5,266	16,383	20	142,656
1967	21,318	80	2,183	0	23,581	148,335	9,806	1,645	0	159,786	436	300	736	9,921	8,984	18,905	10,357	9,281	19,638	63	203,068
1968	6,156	0	587	0	6,743	85,724	10,978	1,455	0	98,157	1,442	-23	1,419	5,813	8,294	14,107	7,256	8,270	15,526	66	120,492
1968																					
Jan.	1,170	0	252	0	1,422	10,072	1,405	110	0	11,587	217	5	222	279	858	1,137	497	862	1,359	0	14,368
Feb.	764	0	180	0	944	9,006	1,736	173	0	10,915	264	6	270	165	1,208	1,373	429	1,214	1,643	1	13,503
Mar.	739	0	86	0	825	7,954	1,197	249	0	9,400	162	0	162	170	1,060	1,230	332	1,060	1,392	1	11,618
Apr.	417	0	25	0	442	6,023	889	116	0	7,028	91	-34	57	202	611	813	293	577	870	2	8,342
May	242	0	39	0	281	5,941	1,212	166	0	7,319	124	0	124	208	1,025	1,233	332	1,025	1,357	12	8,969
June	267	0	0	0	267	7,112	1,164	103	0	8,379	167	0	167	426	702	1,128	593	702	1,295	9	9,950
July	391	0	0	0	391	7,351	731	97	0	8,179	91	0	91	537	646	1,183	628	646	1,274	6	9,850
Aug.	223	0	2	0	225	3,635	404	41	0	4,080	67	0	67	514	323	837	581	323	904	0	5,209
Sept.	317	0	0	0	317	7,185	625	72	0	7,882	62	0	62	815	578	1,393	877	578	1,455	1	9,655
Oct.	486	0	0	0	486	7,614	944	34	0	8,592	181	0	181	797	447	1,244	978	447	1,425	25	10,528
Nov.	562	0	0	0	562	5,757	347	201	0	6,305	16	0	16	679	470	1,149	695	470	1,165	9	8,041
Dec.	578	0	3	0	581	8,074	324	93	0	8,491	0	0	0	1,021	366	1,387	1,021	366	1,387	0	10,459
1969																					
Jan.	239	0	0	0	239	4,365	195	48	0	4,608	0	0	0	1,278	166	1,444	1,278	166	1,444	41	6,332
Feb.	312	0	14	0	326	6,028	249	67	0	6,344	0	0	0	689	241	930	689	241	930	0	7,600
Mar.	487	0	10	0	497	7,366	66	82	0	7,514	1	0	1	1,105	126	1,231	1,106	126	1,232	24	9,267
Apr.	368	0	17	0	385	6,639	117	80	0	6,836	0	0	0	987	179	1,166	987	179	1,166	64	8,451
May	183	0	65	0	248	8,299	57	59	0	8,415	0	0	0	491	171	622	491	171	622	-1	9,324
June	121	0	86	0	207	7,016	180	80	0	7,276	1	0	1	1,031	391	1,422	1,032	391	1,423	1	8,907
July	204	0	49	0	253	2,884	26	73	0	2,983	0	0	0	509	201	710	509	201	710	15	3,961
Aug.	448	0	7	0	455	2,210	44	42	0	2,296	0	0	0	393	90	483	393	90	483	16	3,250
Sept.	792	0	17	0	809	2,109	37	38	0	2,184	0	0	0	370	92	462	370	92	462	3	3,458
Oct.	1,064	0	34	0	1,098	3,285	255	70	0	3,610	15	0	15	450	344	794	465	344	809	2	5,519
Nov.	213	0	36	0	249	2,434	85	78	0	2,597	0	9	9	-4	245	241	-4	254	250	0	3,096
Dec.																					
1970																					
Jan.																					
Feb.																					
Mar.																					
Apr.																					
May																					
June																					
July																					
Aug.																					
Sept.																					

1/ Total of available data: 1964, 10 months; 1965, 7 months, all other, 12 months.
2/ Less than 500 pounds.

Based on data from the Department of Defense.

Table 14.--Raw wool content of United States imports for consumption of wool manufactures 1/

Year and month	Tops and advanced wool	Yarns	Woven fabrics 2/	Wool blankets 3/	Wearing apparel		Other manufactures 5/	Sub-total	Noils	Wastes 6/	Carpets and rugs	Total
					Knit	Other than knit 4/						
	1,000 pounds											
1960	4,602	5,250	29,600	234	7,738	6,003	1,943	55,370	36,592	11,190	28,979	132,132
1961	3,405	5,496	19,207	296	8,478	5,239	3,364	45,485	41,218	12,499	28,256	127,458
1962	5,717	9,162	22,108	337	12,629	10,161	5,297	65,411	36,569	14,111	29,546	145,637
1963	6,457	9,992	22,266	420	17,966	10,073	5,364	72,538	41,729	16,263	22,019	152,549
1964	3,079	8,217	19,804	535	20,282	8,139	1,201	61,261	38,075	14,420	27,395	141,147
1965	8,088	11,257	25,702	744	27,617	7,826	1,752	82,986	34,291	17,402	21,437	156,116
1966	10,362	12,969	24,836	746	25,789	7,232	1,669	83,603	27,647	16,229	15,383	142,862
1967	5,795	9,684	24,319	755	24,371	6,400	2,438	73,762	28,912	10,895	8,179	121,748
1968	6,622	10,850	32,696	874	32,845	8,513	2,549	94,949	27,011	14,669	9,338	145,967
1969 8/	4,497	8,600	29,200	1,013	30,601	10,875	2,234	87,020	22,881	10,633	8,905	129,439
1969 8/												
Jan.	319	207	1,927	29	1,567	358	184	4,591	1,180	509	400	6,680
Feb.	61	912	3,191	39	1,161	354	169	5,887	1,257	277	612	8,033
Mar.	492	749	3,365	41	1,194	326	261	6,428	2,500	855	780	10,563
Apr.	393	987	3,390	76	1,614	431	189	7,080	2,470	1,396	917	11,863
May	577	1,072	2,523	72	2,269	425	261	7,199	3,262	1,844	766	13,071
June	352	788	2,215	110	3,014	953	196	7,628	2,088	1,414	768	11,898
July	368	800	2,418	134	3,955	1,377	170	9,222	1,930	947	699	12,798
Aug.	501	639	2,511	116	3,928	1,476	245	9,416	1,458	777	766	12,417
Sept.	321	543	2,446	122	3,780	1,847	223	9,282	1,386	723	854	12,245
Oct.	224	824	2,207	122	3,618	1,500	186	8,681	1,220	474	837	11,212
Nov.	530	385	1,519	68	2,833	1,070	102	6,507	2,254	887	683	10,331
Dec.	359	694	1,488	84	1,668	758	48	5,099	1,876	530	823	8,328

See footnotes end of table 15.

Table 15.--Raw wool content of United States exports of domestic wool manufactures 1/

Year and month	Tops and advanced wool	Yarns	Fabrics woven and knit	Wool blankets	Wearing apparel		Other manufactures 7/	Felts	Sub-total	Noils and wastes 6/	Carpets and rugs	Total
					Knit	Other than knit						
	1,000 pounds											
1960	297	281	950	114	160	345	360	252	2,759	1,470	466	4,695
1961	278	232	563	88	162	323	489	193	2,328	1,657	553	4,538
1962	291	221	654	173	126	273	442	170	2,350	1,444	575	4,369
1963	873	229	701	89	145	266	580	198	3,081	2,038	470	5,589
1964	370	228	748	239	201	390	893	276	3,345	3,281	372	6,998
1965	433	185	804	213	349	512	1,135	1,227	4,858	7,190	614	12,662
1966	458	273	586	183	348	600	876	1,023	4,347	5,184	588	10,119
1967	527	331	550	211	535	503	748	1,434	4,839	3,293	509	8,641
1968	461	367	496	207	472	573	961	1,349	4,886	3,635	818	9,339
1969 8/	537	592	394	190	301	715	921	549	4,199	3,685	1,003	8,887
1969 8/												
Jan.	28	34	25	6	5	21	55	50	224	353	41	618
Feb.	37	71	13	5	16	20	33	13	208	216	46	470
Mar.	85	76	39	37	28	64	78	46	453	291	68	812
Apr.	47	94	32	14	19	59	69	66	400	245	80	725
May	108	48	43	12	19	70	137	24	461	744	49	1,254
June	59	60	40	6	17	91	65	58	396	432	60	888
July	28	28	29	23	35	50	55	42	290	315	60	665
Aug.	19	27	44	22	31	79	118	41	381	300	126	807
Sept.	26	30	29	12	29	70	137	35	368	173	111	652
Oct.	31	31	48	14	53	72	46	100	395	277	60	732
Nov.	34	35	28	21	28	87	66	36	335	155	167	657
Dec.	35	58	24	18	21	32	62	38	288	184	135	607

1/ Includes manufactures of mohair, alpaca, and other wool-like specialty hair. 2/ Includes pile fabric and manufactures, tapestry and upholstery goods, press and billiard cloths. 3/ Includes carriage and automobile robes, steamer rugs, etc. 4/ Includes laces, lace articles, veils and veilings, nets and nettings, when reported in pounds. 5/ Includes knit fabrics in the piece and miscellaneous manufactures not elsewhere specified. 6/ Not including rags. 7/ Census Bureau's Schedule B classification designated manufactures, n.e.c. 8/ Preliminary.

Compiled from reports of the Bureau of the Census.

Table 16.--Price per pound of British Dominion combing wool, (Bradford grade)

Year and month	70's	64's	60's	58's	56's	50's	48's	46's	Average--8 grades
					Cents				
1967									
January	117.5	108.2	102.3	95.4	89.5	74.4	69.8	67.4	90.6
February	119.9	111.8	104.8	97.8	92.0	75.7	69.8	67.5	92.4
March	117.7	109.5	102.5	95.5	93.2	75.7	69.9	67.6	91.5
April	120.1	110.8	102.6	95.6	93.3	75.8	70.0	67.6	92.0
May	122.4	115.4	106.0	97.9	93.2	74.6	69.9	67.6	93.4
June	121.0	114.0	104.7	97.7	93.0	74.4	69.8	67.5	92.8
July	117.3	109.2	101.0	95.2	83.6	67.4	60.4	58.1	86.5
August	109.1	101.0	92.8	85.9	83.6	68.5	62.7	59.2	82.8
September	111.3	103.2	93.9	85.8	82.4	67.3	60.3	58.0	82.8
October	113.6	103.2	93.9	84.7	73.1	58.0	54.5	52.2	79.2
November	115.3	104.3	93.2	83.2	65.4	48.8	47.7	46.6	75.6
December	113.3	103.3	91.2	81.2	73.2	52.1	48.1	46.1	76.1
1968									
January	116.4	105.4	95.4	85.3	76.3	48.2	44.2	41.2	76.6
February	125.5	108.4	98.4	89.3	80.3	49.2	45.2	41.2	79.7
March	125.0	107.0	97.0	88.0	85.0	54.0	49.0	45.0	81.3
April	125.1	106.1	97.1	88.1	82.1	53.0	47.0	43.0	80.2
May	124.4	105.5	96.6	86.6	73.7	53.8	45.8	41.8	78.5
June	124.2	105.3	96.4	86.4	75.5	55.6	49.7	46.7	80.0
July	122.5	104.6	95.6	85.6	75.7	55.8	49.8	46.8	79.6
August	119.6	102.6	93.7	84.7	73.7	53.8	48.8	45.8	77.8
September	120.4	103.5	94.5	85.5	80.6	59.7	53.7	51.7	81.2
October	123.5	106.5	97.6	89.6	79.7	64.7	56.8	53.8	84.0
November	123.3	106.4	97.4	88.5	78.5	63.6	56.7	53.7	83.5
December	118.2	102.3	93.4	84.4	75.5	59.6	52.7	48.7	79.4
1969									
January	119.3	103.4	94.5	84.5	75.6	59.7	51.7	47.7	79.6
February	117.6	102.6	93.7	83.7	75.8	58.8	50.8	45.8	78.6
March	115.6	100.6	91.7	81.7	74.7	58.8	49.8	45.8	77.3
April	115.7	101.7	92.7	83.8	75.8	60.8	51.9	47.9	78.8
May	115.3	101.4	93.5	83.5	73.6	60.7	52.7	48.7	78.7
June	113.5	99.6	91.6	81.6	72.7	59.7	51.8	48.8	77.4
July	110.6	96.6	89.6	79.7	72.7	59.8	51.8	48.8	76.2
August	110.3	96.4	89.4	79.5	74.5	58.6	51.7	48.7	76.1
September	108.3	95.4	86.4	77.5	72.5	58.6	51.7	48.7	74.9
October	110.5	95.6	84.7	75.7	72.7	55.8	49.8	46.8	73.9
November	109.8	93.9	82.9	73.9	71.9	52.9	47.9	45.9	72.4
December	108.9	92.9	81.9	72.9	69.9	52.9	46.9	44.9	71.4
Latest data available as percent of a year earlier	92.1	90.8	87.7	86.4	92.6	88.7	89.0	92.2	89.9

Compiled from reports of New Zealand Wool Commission.

Table 17.--Mill consumption of wool, selected countries, clean content

Country	Year		1968				1969			Change	
	1967	1968	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	July-Sept. 1969 to July-Sept. 1968	Jan.-Sept. 1969 to Jan.-Sept. 1968
	- - - Million pounds - - -									------ Percent ------	
United States 1/	312.5	329.7	85.5	87.2	78.4	78.5	82.1	84.5	72.2	-7.9	-4.9
United Kingdom	359.9	391.4	102.9	100.4	87.5	100.6	105.4	100.7	84.6	-3.3	-.1
France	234.6	257.1	68.2	58.7	58.7	71.6	76.8	71.4	58.5	-.4	+11.4
Japan	380.6	398.6	94.4	100.6	100.0	103.6	101.3	107.4	105.8	+5.8	+6.6
Italy	218.3	211.3	51.5	55.0	49.5	55.3	56.5	58.9	54.6	+10.3	+9.0
West Germany	122.5	148.6	37.5	37.3	35.1	38.8	43.2	40.2	37.1	+5.7	+9.6
Belgium	80.1	88.4	21.9	22.8	20.4	23.3	22.5	24.4	21.8	+6.9	+5.5
Australia	75.6	72.7	16.0	18.2	19.7	18.8	17.1	18.8	---	---	---
Netherlands	20.5	18.0	4.5	4.6	4.1	4.8	5.2	5.5	4.9	+19.5	+18.2
Total	1,804.6	1,915.8	482.4	484.8	453.4	495.3	510.1	511.8	2/439.5	2/+1.3	2/+4.3

1/ Consumption on woolen and worsted system only.

2/ Excludes Australia.

Compiled from reports of the Commonwealth Secretariat, and the Bureau of the Census.

Table 18.--Production of wool and hair tops, worsted and woolen yarn, and wool woven fabrics, selected countries

Country	Year		1968				1969			Change	
	1967	1968	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	July-Sept. 1969 to July-Sept. 1968	Jan.-Sept. 1969 to Jan.-Sept. 1968
	Million pounds									Percent	
Tops											
United Kingdom	203.1	213.0	57.0	55.9	48.2	51.9	55.3	52.8	45.7	-5.2	-4.5
France	169.7	192.2	51.2	42.6	44.3	54.2	58.3	53.6	47.3	+6.8	+15.3
Japan	305.7	307.1	72.8	76.8	76.7	80.8	78.4	81.9	79.4	+3.5	+5.9
Italy	162.3	145.9	35.8	38.0	34.3	37.8	40.1	41.6	38.6	+12.5	+11.3
United States	140.5	152.6	39.9	40.7	36.6	35.3	34.9	36.2	31.0	-15.3	-12.9
West Germany	67.6	89.2	23.4	22.5	20.2	23.2	24.6	23.1	20.6	+2.0	+3.3
Belgium	52.5	57.8	13.8	14.7	13.1	15.9	16.0	16.8	11.2	-14.5	+5.8
Australia	47.5	45.0	10.2	10.8	12.2	11.8	10.7	11.1	---	---	---
Uruguay	29.4	34.4	9.5	5.8	10.7	8.7	10.2	8.5	8.5	-20.6	+4.6
Netherlands	1.6	.5	.2	.2	.1	.1	.1	.2	.1	---	-20.0
Total	1,179.7	1,237.6	313.8	308.0	296.3	319.7	328.7	325.8	1/282.4	1/-.6	1/+3.4
Worsted yarn											
United Kingdom	193.1	213.6	55.3	54.7	48.2	55.3	56.6	54.2	47.5	-1.5	+.1
Italy	195.7	210.7	50.1	54.6	47.9	58.0	60.0	62.8	55.1	+15.0	+16.6
France	180.3	193.7	47.6	47.2	41.4	57.5	59.5	59.9	44.0	+6.3	+20.0
West Germany	130.6	160.4	40.2	38.9	38.1	43.2	47.2	45.7	37.9	-.5	+11.6
Japan	268.0	266.3	64.2	65.4	67.3	69.4	66.3	70.5	69.4	+3.1	+4.7
Belgium	93.8	112.6	27.6	28.7	24.6	31.7	33.2	33.1	27.1	+10.2	+15.5
Netherlands	17.0	16.6	4.2	3.9	3.7	4.7	4.3	4.2	4.0	+8.1	+5.9
Australia	19.6	18.2	4.5	4.0	4.6	5.1	4.4	4.3	---	---	---
Total	1,098.1	1,192.1	293.7	297.5	275.8	324.9	331.5	334.7	1/255.0	1/-6.0	1/+6.9
Woolen yarn											
United Kingdom	304.4	324.9	85.0	81.4	72.0	86.5	86.3	84.8	68.4	-5.0	+.5
Italy	310.7	309.9	79.0	82.3	71.5	77.1	79.9	84.0	73.4	+2.7	+1.9
France	98.8	93.4	24.8	23.8	19.6	25.2	26.1	27.1	17.8	-9.2	+4.1
West Germany	95.2	103.7	26.0	26.3	24.6	26.8	29.8	29.3	24.9	+1.2	+9.2
Japan	94.4	94.7	20.7	23.7	25.1	25.2	24.4	27.0	26.5	+5.6	+12.1
Belgium	40.7	47.4	11.5	12.3	10.7	12.9	13.2	13.2	11.4	+6.5	+9.6
Netherlands	33.5	32.8	7.9	8.2	7.7	9.0	8.8	8.5	7.9	+2.6	+5.9
Australia	34.0	34.5	7.4	9.4	9.3	8.7	7.9	9.7	---	---	---
Total	1,011.7	1,041.3	262.3	267.4	240.5	271.4	276.5	283.6	1/230.3	1/-.4	1/+3.9
Woven fabrics											
	Million square yards										
United States	387.6	393.0	100.2	111.1	91.6	93.0	110.8	108.4	93.2	+1.7	+3.1
United Kingdom	315.2	319.5	82.3	77.9	76.2	83.2	78.4	81.5	72.2	-5.3	-1.8
Japan	450.7	460.6	109.7	116.1	117.2	117.6	121.6	131.1	132.6	+13.1	+12.3
France	194.2	198.4	51.7	47.6	43.0	56.0	55.8	57.3	40.8	-5.1	+8.2
West Germany	143.1	167.5	39.6	41.4	41.2	45.5	43.9	43.3	39.8	-3.4	+3.9
Netherlands	52.5	54.2	13.6	13.1	12.9	14.5	13.7	13.9	13.5	+4.7	+3.8
Australia	31.8	32.3	7.6	8.0	8.1	8.6	7.7	8.1	---	---	---
Total	1,575.1	1,625.5	404.7	415.1	390.2	418.4	432.0	443.6	1/392.1	1/+2.6	1/+5.5
Belgium	31.7	32.4	8.3	8.3	7.2	8.6	8.8	8.6	8.1	+12.5	+7.1
Italy (Mil. lb.)	237.8	250.6	62.2	63.5	61.8	63.1	62.8	64.7	62.8	+1.6	+1.5

1/ Excludes Australia.

Compiled from reports of the Commonwealth Secretariat.

Table 19.--World trade in wool tops, worsted and woolen yarn, and exports of worsted and woolen fabrics, selected countries

Country	Year		1968				1969			Change	
	1967	1968	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	July-Sept. 1969 to July-Sept. 1968	Jan.-Sept. 1969 to Jan.-Sept. 1968
	Million pounds									Percent	
Tops											
Exports											
United Kingdom	51.4	56.1	14.3	14.7	14.0	13.0	13.4	17.0	14.4	+2.8	+4.2
France	57.1	67.1	20.7	13.6	15.4	17.4	19.8	20.7	17.8	+15.6	+17.3
Uruguay	29.4	34.4	9.5	5.8	10.7	8.4	10.2	8.2	8.5	-20.6	+3.5
Australia	23.1	24.5	5.3	5.8	6.7	6.7	5.1	5.7	5.4	-19.4	-9.0
Belgium	23.5	26.2	6.1	6.0	5.9	8.3	8.3	8.0	1/1.9	---	---
Rep. of South Africa	13.2	14.2	3.3	3.9	3.5	3.5	3.3	3.4	3.2	-8.6	-7.5
Japan	9.6	14.9	3.5	5.0	3.6	2.8	2.0	2.0	1.4	-61.1	-55.4
West Germany	6.5	12.9	2.5	3.1	2.9	4.4	3.3	2.5	2/1.7	---	---
Argentina	6.9	5.4	1.1	1.2	1.1	2.0	1.4	1.4	1.7	+54.5	+32.4
Switzerland	1.7	2.0	.5	.5	.5	.5	.5	.9	.5	---	+26.7
Total	222.4	257.7	66.8	59.6	64.3	67.0	67.3	69.8	61.0	-5.1	+3.9
Imports											
Belgium	47.4	58.1	16.4	13.2	13.2	13.2	15.5	16.0	1/2.1	---	---
Netherlands	12.2	16.1	3.9	4.4	3.2	4.6	4.3	4.4	3.8	+18.7	+8.7
India	.5	---	---	.1	.3	.1	---	---	---	---	---
West Germany	22.5	28.3	7.0	6.6	6.4	8.4	9.3	10.0	2/4.9	---	---
Canada	14.6	15.8	4.2	4.6	3.4	3.7	3.7	5.0	2/2.6	---	---
Switzerland	13.2	12.8	3.1	3.4	3.2	3.1	3.1	3.2	3.0	-6.2	-4.1
Italy	11.4	12.1	2.5	2.9	2.6	4.0	3.9	3.8	2/1.4	---	---
Greece	9.0	8.9	2.0	2.5	2.3	2.1	2.4	2/1.5	3/	---	---
Japan	4.5	4.8	.6	1.1	1.3	1.8	2.2	2.4	2.4	+84.6	+133.3
Sweden	4.4	4.1	1.3	1.0	.8	1.0	1.2	.9	2/.7	---	---
France	4.3	6.2	1.4	1.4	1.2	2.3	1.6	1.7	1.2	---	+12.5
United States	5.8	6.6	1.5	1.8	1.5	1.8	.9	1.3	1.2	-20.0	-29.2
Denmark	2.1	1.3	.3	.4	.4	.2	.4	.4	.4	---	+9.1
Norway	3.2	3.0	.7	.8	.7	.8	.6	.4	.4	-42.9	-36.4
United Kingdom	3.7	5.1	1.1	1.1	1.5	1.3	1.4	1.9	1.4	-6.7	+27.0
Irish Republic	3.9	4.2	1.2	.9	.9	1.2	1.2	1.5	2/.9	---	---
Total	162.2	187.4	47.2	46.1	42.6	51.6	51.7	55.2	38.3	-10.1	+6.8
Yarns											
Exports											
France	43.3	45.4	11.3	10.6	11.3	12.2	10.0	10.7	9.0	-20.4	-10.5
Belgium	53.4	59.3	15.7	14.9	12.1	16.7	16.8	18.2	2/7.4	---	---
United Kingdom	27.7	31.6	7.1	7.2	7.7	9.6	8.3	8.9	8.9	+15.6	+18.6
Italy	20.4	26.5	5.0	6.6	7.1	7.8	6.3	7.4	1/2.6	---	---
Japan	18.6	33.2	5.2	9.0	8.6	10.4	9.6	10.5	9.5	+10.5	+29.8
Netherlands	12.2	12.9	3.0	3.0	3.1	3.8	3.8	3.4	3.8	+22.6	+20.9
West Germany	8.3	8.5	2.0	2.1	2.0	2.5	2.1	2.5	2.6	+30.0	+18.0
Austria	8.1	6.6	1.5	1.6	1.6	1.9	1.5	1.5	3/	---	---
Switzerland	3.8	4.3	.8	1.2	.9	1.4	1.2	1.0	.9	---	+6.9
Total	195.8	228.3	51.6	56.2	54.4	66.3	59.6	64.1	55.3	+1.6	+10.4
nports											
West Germany	47.3	63.6	14.4	15.6	16.4	17.1	15.7	17.1	14.1	-14.0	+.9
Netherlands	21.6	23.3	5.6	6.2	4.9	6.6	7.1	6.9	6.0	+22.4	+19.8
Belgium	12.0	13.0	3.1	3.2	2.9	3.8	3.7	4.3	2/2.0	---	---
Sweden	5.5	4.7	1.3	1.1	1.0	1.3	1.1	1.0	.9	-10.0	-11.8
Switzerland	3.2	3.2	.7	.8	.8	.9	.9	1.1	1.2	+50.0	+39.1
Denmark	10.6	10.1	2.4	2.5	2.1	3.1	3.2	3.5	2.8	+33.3	+35.7
United Kingdom	3.3	3.4	1.0	1.0	.7	.8	.9	1.0	.9	+28.6	+3.7
Austria	6.9	6.5	1.7	1.6	1.5	1.6	1.7	1.7	3/	---	---
United States	9.7	10.8	3.0	2.9	2.5	2.6	1.9	2.8	2.0	-20.0	-20.2
Norway	3.3	2.4	.7	.6	.5	.6	.6	.6	.6	+20.0	---
Canada	4.1	4.3	1.0	.5	1.7	1.0	.9	1.2	2/.8	---	---
Irish Republic	3.6	4.4	1.0	.9	1.1	1.3	1.4	1.3	1.1	---	+26.7
Total	131.1	149.7	35.9	36.9	36.1	40.7	39.1	42.5	35.5	-1.7	+7.5
Fabrics											
Exports											
Italy	107.3	122.7	21.4	35.3	37.7	28.2	19.5	33.6	1/14.5	---	---
United Kingdom	41.7	45.5	10.4	11.1	12.6	11.3	10.2	11.9	12.6	---	+1.8
Belgium	11.2	10.0	3.2	2.3	2.2	2.3	2.2	2.2	2/1.2	---	---
Japan	25.8	30.1	6.5	7.2	8.8	7.7	7.6	6.5	7.9	-10.2	-2.2
Netherlands	11.4	10.7	2.7	2.7	2.7	2.6	2.5	3.2	3.3	+22.2	+11.1
France	16.6	14.7	2.9	3.9	4.6	3.3	2.8	4.7	4.0	-13.0	+.9
West Germany	8.6	12.1	2.6	2.5	3.6	3.3	3.0	3.8	4.7	+30.6	+32.2
Switzerland	4.0	4.0	1.0	1.0	1.1	1.0	.8	1.2	1.1	---	---
Austria	3.7	4.3	1.0	1.3	1.0	.9	.6	.7	3/	---	---
Total	230.3	254.0	51.7	67.3	74.3	60.7	49.2	67.8	72.0	-3.1	-2.2

1/ Total for 1 month. 2/ Total for 2 months. 3/ Not available, estimate included in total.

Compiled from reports of the Commonwealth Secretariat.

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